



Naval Medical Research Center NREIP Intern Receives Award at SciX 2017

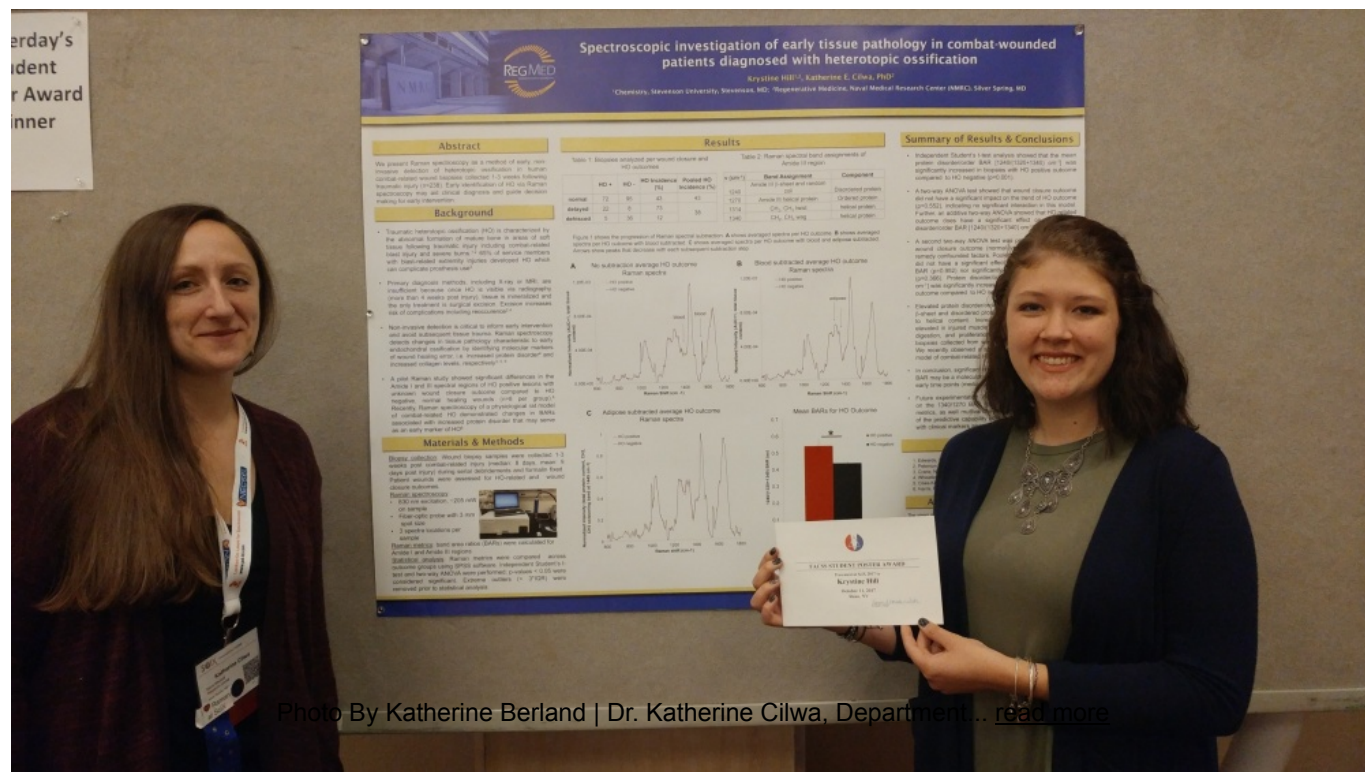


Photo By Katherine Berland | Dr. Katherine Cilwa, Department... [read more](#)

UNITED STATES

11.16.2017

Courtesy Story

Naval Medical Research Center 

Subscribe 2

SILVER SPRING, Md. – Former Naval Medical Research Center (NMRC) Naval Research Enterprise Internship Program (NREIP) intern, Krystine Hill, was awarded a Federation of Analytical Chemistry and Spectroscopy Societies (FACSS) student poster award and received a Society of Applied Spectroscopy (SAS) undergraduate student travel grant for work presented at SciX 2017 (the Great Scientific Exchange), the FACSS annual meeting, October 10.

Hill, a senior chemistry major at Stevenson University, presented findings from her internship research conducted at NMRC under her mentor Dr. Katherine Cilwa in the Operational Undersea Medicine Directorate, Department of Regenerative Medicine.

Her research project, Spectroscopic Investigation of Early Tissue Pathology in Combat-Wounded Patients Diagnosed with Heterotopic Ossification, focused on the use of Raman spectroscopy as a method of early, non-invasive detection of heterotopic ossification in human combat-related wound biopsies collected shortly after traumatic injury. Heterotopic

ossification is the abnormal formation of bone in soft tissue often in response to traumatic injury.

“Early identification of heterotopic ossification via Raman spectroscopy may aid clinical diagnosis and guide decision making for early intervention,” said Cilwa. “I’m really glad I had the opportunity to mentor and work with Krystine on this project.”

Hill plans on pursuing her Ph.D. and continuing to be involved in the research community.

Students eligible for NREIP must be U.S. citizens with 31 or more college credits and enrolled at a four-year U.S. college or university accredited by the U.S. Department of Education. For SEAP, a high school student who is a U.S. citizen, has completed the ninth grade, and is 16 years of age within two weeks of the start date, is eligible to participate.

Students interested in an internship at NMRC can apply online for NREIP at <http://nreip.asee.org/apply>

NEWS INFO

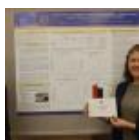
Date Taken:	11.16.2017
Date Posted:	11.16.2017 09:43
Story ID:	255527
Location:	US

Web Views:	37
Downloads:	0
Podcast Hits:	0

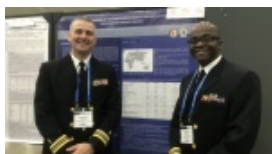
PUBLIC DOMAIN

This work, *Naval Medical Research Center NREIP Intern Receives Award at SciX 2017*, must comply with the restrictions shown on <https://www.dvidshub.net/about/copyright>.

CONNECTED MEDIA



MORE LIKE THIS



TAGS
